

DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

OFFICE ENGINEER

1727 30th Street MS-43

P.O. BOX 168041

SACRAMENTO, CA 95816-8041

FAX (916) 227-6214

www.dot.ca.gov/hq/esc/oe



*Serious Drought.
Help save water!*

February 8, 2016

08-SBd-138-R17.1/R19.2

08-0Q3004

Project ID 0800020191

ACHSNHP-P138(055)E

Addendum No. 2

Dear Contractor:

This addendum is being issued to the contract for CONSTRUCTION ON STATE HIGHWAY IN SAN BERNARDINO COUNTY NEAR HESPERIA FROM 1.9 MILES EAST OF ROUTE 15 TO 0.1 MILE WEST OF SUMMIT POST OFFICE ROAD to revise the project plans, the *Notice to Bidders and Special Provisions*, the *Bid* book, and the *Information Handout*, and the Federal Minimum Wages with Modification Number 1 dated 01/15/16.

Submit bids for this work with the understanding and full consideration of this addendum. The revisions declared in this addendum are an essential part of the contract.

Bids for this work will be opened on Wednesday, February 17, 2016.

Project plan sheets 1, 5, 20, 38, 48, 63, 65, 66, 67, 68, 69, 70, 71, 72, 92, 95, 146, 163, 164 and 184 are replaced and attached for substitution for the like-numbered sheets.

Project plan sheets 94A, 95A, 141A and 141B are added and attached for addition to the project plans.

Project plan sheet 106 is deleted.

In the *Notice to Bidders and Special Provisions*, in the "STANDARD PLANS LIST," the following Standard Plans are added:

"RSP B3-1A, RSP B3-5 and B3-6."

In the Special Provisions, Section 1-1.01 is replaced as attached.

In the Special Provisions, Section 2-1.06B is replaced as attached.

In the Special Provisions, Section 14-1.02A, the second paragraph is replaced as follows:

"Before start of work, protect ESA by installing temporary fence (Type ESA) first, then installing silt fencing along inside boundary towards work area for the same length."

In the Special Provisions, Section 14-6.02 is replaced as attached.

08-SBd-138-R17.1/R19.2
08-0Q3004
Project ID 0800020191
ACHSNHP-P138(055)E

In the Special Provisions, Section 14-6.05 is replaced as attached.

In the Special Provisions, Section 14-6.06 is replaced as attached.

In the Special Provisions, Section 14-6.07 is replaced as attached.

In the Special Provisions, Section 19-7.02C is added as attached.

In the Special Provisions, Section 20-4 is added as attached.

In the Special Provisions, Section 51-1.01C(1) is replaced as follows:

"Add to section 51-1.01C(1):

Submit shop drawings for each concrete surface texture shown. Shop drawings must show the placement of the joint lines, including expansion joints, weaken plane joints, and joints between formliner units. Submit an electronic version of the shop drawings to the Engineer and the District Landscape Architect. The electronic version must be in a dgn format or another format readable with the current software used by the State (Microstation, CaiCE, and IPLOT)."

In the Special Provisions, Section 51-1.01D(3) is replaced as follows:

"Replace the 1st paragraph of section 51-1.01D(3):

Construct a test panel for each type of concrete surface texture. Test panels must:

1. Be constructed at an authorized location
2. Be at least 10 by 10 feet
3. Be stained as described for each type of concrete surface texture
4. Include the placement of expansion joints and joints between formliner units
5. Be constructed and finished using the personnel, materials, equipment, and methods to be used in the work
6. Be authorized before starting work

The Engineer will determine the concrete surface texture area to be depicted on each test panel."

08-SBd-138-R17.1/R19.2
08-0Q3004
Project ID 0800020191
ACHSNHP-P138(055)E

In the Special Provisions, Section 51-1.03G(1), the first paragraph is replaced as follows:

"Random Boulders texture must resemble the rock wall photo provided in the information handout. Plans for the Random Boulders texture are to guide the artist in making the texture. The random boulders wall shown in the photo will be the referee for the Random Boulders texture. Where Random Boulders texture is to continue across top or end of wall, a finish to achieve a continuity of the formed pattern must be done by hand when concrete is being poured. Hand-carve and emboss the wet, pliable concrete, aligning rustication joints with those in the formed pattern. Great care must be taken to achieve the intended relief and described texture.

Random Boulders texture must be a tan color concrete surface texture that resembles natural boulders while maintaining the original visual characteristics and aesthetic appeal of the surrounding community."

In the Special Provisions, Section 51-1.03G(1), the following revision clause and paragraph are deleted:

"Replace the 5th paragraph of section 51-1.03G(1) with:

Construct a test panel under section 51-1.01D(3), including any staining described, for each type of concrete surface texture. Test panel for Random Boulder concrete surface texture must be at least 10(L) by 5(H) feet by 5 inches deep. Test panel for Wood texture must be at least 4 by 4 feet by 5 inches deep. The Engineer determines areas of test panels to be depicted on each test panel. Test panels must include the placement of expansion joints, and joints between form liner units."

In the Special Provisions, Section 51-1.03G(2), is replaced as follows:

"Replace the 6th paragraph of section 51-1.03G(2) with:

Extend form liners the full height of texturing. Do not use small pieces of form liners. Align grooves straight and true. Horizontal and Vertical joints within the same texture is not allowed, joints must follow Concrete Surface Texture. Grooves must match at joints between form liners. For grooved patterns, joints in the direction of grooves must be located in depressions. Butt adjoining liners together without distortion, open cracks, or offsets. Clean joints between liners and remove mortar before use."

In the Special Provisions, Section 59-11 is added as attached.

The *Information Handout* is replaced as attached.

In the *Bid* book, in the "Bid Item List," Items 25, 28, 79, 89, 94, 107, 117 and 118 are replaced.

In the *Bid* book, in the "Bid Item List," Items 139, 140, 141, 142, 143, 144, 145, and 146 are added.

In the *Bid* book, in the "Bid Item List," Items 27, 73, 85, 137 and 138 are deleted.

Addendum No. 2
Page 4
February 8, 2016

08-SBd-138-R17.1/R19.2
08-0Q3004
Project ID 0800020191
ACHSNHP-P138(055)E

To *Bid* book holders:

Inquiries or questions in regard to this addendum must be communicated as a bidder inquiry and must be made as noted in the *Notice to Bidders* section of the *Notice to Bidders and Special Provisions*.

Submit the *Bid* book as described in the *Electronic Bidding Guide* at the Bidders' Exchange website.

http://www.dot.ca.gov/hq/esc/oe/electronic_bidding/electronic_bidding.html

Inform subcontractors and suppliers as necessary.

This addendum, EBS addendum file, attachments and the modified wage rates are available for the Contractors' download on the Web site:

http://www.dot.ca.gov/hq/esc/oe/project_ads_addenda/08/08-0Q3004

If you are not a *Bid* book holder, but request a book to bid on this project, you must comply with the requirements of this letter before submitting your bid.

Sincerely,


for JOHN BULINSKI
District Director

Attachments

Add to section 1-1.01:

Bid Items and Applicable Sections

Item code	Item description	Applicable section
030425	CENTERLINE RUMBLE STRIP (HMA, GROUND-IN INDENTATIONS)	39
045181	FURNISH PILING (CLASS 140) (ALTERNATIVE W MODIFIED)	49
045182	DRIVE PILE (CLASS 140) (ALTERNATIVE W MODIFIED)	49
045183	RANDOM BOULDER TEXTURE	51
030426	32" TEMPORARY CULVERT	62
030427	12" CORRUGATED STEEL PIPE (.109" THICK)	66
030428	84" CORRUGATED STEEL PIPE (.138" THICK)	66
030429	13'-2" X 11'-9" STRUCTURAL STEEL PLATE PIPE ARCH (.138" THICK)	67
030430	24" FOREST SERVICE GATE	80
045184	CONCRETE BARRIER (TYPE 742 MODIFIED)	83
045216	STAIN GALVANIZED SURFACE	59

CONTRACT NO. 08-0Q3004
REPLACED PER ADDENDUM NO. 2 DATED FEBRUARY 8, 2016

Add between the 1st and 2nd paragraphs of section 2-1.06B:

The Department makes the following supplemental project information available:

Supplemental Project Information	
Means	Description
Included in the <i>Information Handout</i>	<ol style="list-style-type: none"> 1. Final Hydraulics Report, dated December 20, 2013 2. Foundation Recommendation for Hog Ranch Creek Bridge, dated December 23, 2013 3. Revised Foundation Report for Miner's Shack Creek Bridge, dated February 4, 2014 4. Foundation Report for Double Drain Creek Bridge, dated December 20, 2013 5. Seismic Design Recommendations for Hog Ranch Creek Bridge, dated November 27, 2013 6. Seismic Design Recommendations for Miner's Shack Creek Bridge, dated November 27, 2013 7. Seismic Design Recommendations for Double Drain Creek Bridge, dated November 27, 2013 8. P-Y Curves at Pier 2, Miner's Shack Creek Bridge, dated November 22, 2013 9. Materials Report by JASA, dated May 29, 1996 [Preliminary Geotechnical Design Report] 10. Additional Geotechnical Data by JASA, dated September 17, 1996 11. Supplemental Geotechnical Design Report by AGRA, dated December 20, 1996 12. Addendum to Geotechnical Design Report, by AGRA, dated 9-16-1997 13. Geotechnical Design Report by Caltrans, dated May 2003 14. Metrification of Geotechnical Design Report by Caltrans, dated August 12, 2003 15. Infiltration/Detention Basin Percolation Tests by Caltrans, dated January 22, 2004 16. Materials Report by Caltrans, dated December 30, 2013 17. Materials Report Correction E-mail by Caltrans, dated August 26, 2014 18. Revised Hydraulic Report Hog Ranch 11-5-13 19. Foundation Report Miners Shack 12-19-13 20. United States Army Corps of Engineers – Section 404 Individual Permit 21. California Department of Fish and Wildlife – Section 1602 Streambed Alteration Agreement 22. Water Source Information 23. Fire Plan for Construction and Service Contracts by United States Forest Service, dated August 2, 2012. 24. Regional Water Quality Control Board Clean Water Act 401 Permit 25. Rockwall Picture 26. Arroyo Toad Management Plan 27. Cactus Salvage Plan 28. Nesting Bird Management Plan 29. Reptile Management Plan

Available as specified in the <i>Standard Specifications</i>	Automated Machine Guidance (AMG) electronic files for Digital Design Model (DDM) and Digital Terrain Model (DTM): 1. Original ground DTM in 3D DGN format 2. 3D engineering model in LandXML format 3. Horizontal geometric alignment in CAICE format (KCM) 4. Cross sections in PDF format
Included with the project plans	Log of test borings
Available for inspection at the Transportation Laboratory, Department of Transportation, 5900 Folsom Boulevard, Sacramento, California	1. Rock cores from boring 02-2 for Miner's Shack Creek Bridge, Br. No. 54-1219 2. Rock cores from borings 02-2 and 02-4 for Double Drain Creek bridge, Br. No. 54-1220

Replace section 14-6.02 with:

14-6.02 SPECIES PROTECTION

14-6.02A General

Section 14-6.02 includes specifications for protecting regulated species or their habitat.

This project is within or near habitat for regulated species shown in the following table:

Species Name
Arroyo Toad (<i>Anaxyrus californicus</i>)
Southwestern willow flycatcher (<i>Empidonax traillii extimus</i>)
Desert Tortoise (<i>Gopherus agassizii</i>)
Three spine stickleback (<i>Gasterosteus aculeatus williamsoni</i>)
Yuma myotis (<i>Myotis yumanensis</i>)
Free-tailed bats (<i>Tadarida brasiliensis</i>)
least Bell's vireo (<i>Vireo bellii pusillus</i>)
Mohave Ground Squirrel (<i>Xerospermophilus mohavensis</i>)
Migratory birds (Species under the Class: Aves)
Short joint beaver tail (<i>Optunia basilaris var. brachyclada</i>)
California cholla (<i>Cylindropuntia californica</i>)

14-6.02B Material

Not Used

14-6.02C Construction

14-6.02C(1) General

Not Used

14-6.02C(2) Protective Radius

Upon discovery of a regulated species, stop construction activities within a radius of the discovery or as defined in the table below. Immediately notify the Engineer. Do not resume activities until receiving notification from the Engineer.

Regulated species name	Protective radius
Arroyo Toad	100 feet
Southwestern willow flycatcher	300 feet
Desert Tortoise	100 feet
Three spine stickleback	100 feet
Yuma myotis	500 feet
Free-tailed bats	500 feet
least Bell's vireo	100 feet
Mohave Ground Squirrel	100 feet
Migratory birds (other birds)	500 feet

14-6.02C(3) Protocols

Not Used

14-6.02C(4) Biological Resource Information

Not Used

14-6.02C(5) Protection Measures

Within the SPA1, implement the following protection measures:

1. A temporary silt fence shall be installed around the certain areas to identify and protect the designated Environmentally Sensitive Areas (ESA).
2. Temporary fence (type ESA) will be installed along the temporary silt fence as designated within the plans. Combination of temporary silt fence and temporary fence (type ESA) will constitute the designated ESA fencing.
3. No equipment or personnel allowed beyond the designated ESA fencing.
4. ESA fencing integrity monitoring shall be conducted by Contractor supplied biologist. Contractor supplied biologist must check the fences at the end of the day. Monitoring is required to verify fence integrity and repair the fencing the same day if needed.
5. The Contractor supplied biologist will implement the following sections of the California Department of Fish and Wildlife Code 1602 Lake and Streambed Alteration Agreement:
 - 2.1, 2.2, 2.3, 2.5, 2.7, 2.8, 2.12, 2.13, 2.14, and 4.1
 - 2.6 (Nesting Bird Plan provided in the Information Handout)
 - 2.9 (Cacti Salvage Plan provided in the Information Handout)
 - 2.10 (Arroyo Toad Avoidance Plan provided in the Information Handout)
 - 2.11 (Reptile Management Plan provided in the Information Handout)

6. The Contractor is responsible to ensure conditions 4, 7, 8, 9, and 10 (pages 4 & 5) of the Regional Water Quality Control Board Clean Water Act 401 Permit (permit provided in the Information Handout)
7. The Contractor is responsible to ensure special conditions 3 and 4 of the Army Corps of Engineers Clean Water Act 404 Permit (permit provided in the Information Handout)
8. The Contractor supplied biologist is responsible for special conditions 6 and 10 of the Army Corps of Engineers Clean Water Act 404 Permit (permit provided in the Information Handout)

14-6.02C(6) Monitoring Schedule

Not Used

14-6.02D Payment

Not Used

Replace section 14-6.05 with:

14-6.05 CONTRACTOR-SUPPLIED BIOLOGIST

14-6.05A General

14-6.05A(1) Summary

Section 14-6.05 includes specifications for providing a Contractor-supplied biologist to monitor construction and other activities to protect regulated species that may be harmed during construction activities.

14-6.05A(2) Submittals

14-6.05A(2)(a) Qualifications

Within 7 days after Contract approval, submit each biologist's name, resume, and statement of qualifications. Allow 30 days for review. If the submittal is incomplete, the Engineer will provide comments. Within 7 days after receiving the Engineer's comments, update and resubmit qualifications data. Do not start construction activities until the Contractor-supplied biologist is authorized.

14-6.05A(2)(b) Protocols

Not Used

14-6.05A(2)(c) Pre-Construction Survey Report

Submit a pre-construction survey report as required by PLAC. If not listed, then use 14 days before starting construction activities.

14-6.05A(2)(d) Initial Monitoring Report

Submit an Initial Monitoring Report that includes, at a minimum, the requirements for Monitoring Report submittals as required by PLAC. If not listed, use 12 hours after starting ground-disturbing activities.

14-6.05A(2)(e) Monitoring Report

Submit Monitoring Reports according to the schedule in the Natural Resources Protection Plan.

14-6.05A(2)(f) Incident Report

Submit an Incident Report as required by PLAC. If not listed, use 24 hours of the incident.

14-6.05A(2)(g) Annual Monitoring Report

Submit as required by PLAC. If not listed, use Jan 15 during each year of construction.

14-6.05A(2)(h) Final Monitoring Report

Submit as required by PLAC. If no listed, use 20 days after completion of the project.

14-6.05A(3) Quality Control and Assurance

14-6.05A(3)(a) Qualifications

A biologist must meet PLAC requirements. Provide required qualifications for transmittal to regulatory agencies. All project specific authorizations must be current and valid for the duration of the project.

Biologists who perform specialized activities must have demonstrated field experience working with the species or performing the specialized task. Biologists who perform specialized activities must meet the following minimum requirements:

Specialized activity/species	Requirements
Bird surveys	Demonstrate ability to accurately identify local bird species.
Arroyo Toad	Ability to accurately identify various toad and frog species within Southern California
Cacti	Ability to identify and properly supervise the salvaging of Cacti species for later replanting

14-6.05A(3)(b) Protocols

Not Used

14-6.05B Materials

Not Used

14-6.05C Construction

14-6.05C(1) General

Not Used

14-6.05C(2) Pre-construction Survey

Survey the work area for regulated species within 14 days before starting construction activities.

14-6.05C(3) Protective Radius

Not Used

14-6.05C(4) Monitoring Schedule

Monitoring must comply with the schedule in section 14-6.07.

14-6.05C(5) Monitoring Duties

Implement monitoring as specified in section 14-6.07.

14-6.05C(6) Notification and Reporting

All reports must include the following:

1. PLAC requirement implementation
2. Name(s) of the biologist(s) conducting biological activity
3. Date(s) and time(s) of monitoring
4. Locations and activities monitored
5. Representative photographs
6. Findings
7. If regulated species are observed, reports must recommend actions to protect the regulated species
8. Name of the biologist who prepared the report
9. Signature of the biologist certifying the accuracy of the report

The Pre-Construction Survey Report includes one of the following:

1. Detailed observations and locations where regulated species were observed
2. Statement that no regulated species were observed by each biologist

The Incident Report includes:

1. Description of any take incident
2. Species name and number taken
3. Details of required notifications with contact information
4. Corrective actions proposed or taken
5. Disposition of taken species

The Annual Monitoring Report includes:

1. Construction beginning and ending dates
2. Identification of project impacts on the species covered in the plan
3. Species protection measures with protection measure implementation details
4. Incidental take details, including species name, number taken, people contacted, contact information, and disposition of taken species
5. An assessment of the effectiveness of the species protection measures to mitigate project impacts
6. Recommendations to improve efficiency of protection measures to mitigate impacts to regulated species

The Final Monitoring Report must be a cumulative report following the format of the Annual Monitoring Report.

14-6.05D Payment

Not Used

Replace section 14-6.06 with:

14-6.06 SPECIES PROTECTION AREA

14-6.06A General

14-6.06A(1) Summary

Section 14-6.06 includes specifications for areas that have species protection requirements.

Species protection areas (SPAs) within the project limits are shown:

Species Protection Areas	
Identification	Location
SPA 1	Entire project limits

14-6.06B Materials

Not Used

14-6.06C Construction

Not Used

14-6.06D Payment

Not Used

Replace section 14-6.07 with:

14-6.07 NATURAL RESOURCE PROTECTION PLAN

14-6.07A General

14-6.07A(1) Summary

Section 14-6.07 includes specifications for preparing a plan to protect biological resources.

Prepare a natural resource protection plan that defines measures you will take to maintain project compliance with all environmental laws, regulations, and PLAC requirements.

Comply with section 14-6.02 and section 14-6.08.

This project is within or near habitat for regulated species. Regulated species include the following:

1. Southwestern Willow Flycatcher
2. Least Bell's Vireo
3. Arroyo Toad
4. Cacti

14-6.07A(2) Submittals

Submit the natural resource protection plan within 7 days after Contract approval. Allow 15 days for the Engineer's review. If the submittal is incomplete, the Engineer will provide comments. Within 7 days after receiving the Engineer's comments, update and resubmit the natural resource protection plan.

14-6.07A(3) Quality Control and Assurance

The natural resource protection plan must be prepared and signed by a biologist knowledgeable of the species or habitats discussed and address species protection measures.

The natural resource protection plan includes:

1. List of species and habitats addressed in the plan
2. List of protocols for species protection surveys, with full protocols in an appendix
3. Protection measures for regulated species likely to occur in the project site
4. Protective radii for regulated species encounters
5. Implementation plan for protection measures, including monitoring schedule
6. Monitoring duties
7. Justification for each instance where protection measures and an implementation plan are not necessary for a regulated species
8. Schedule for inspecting protection measures
9. Schedule for maintaining protection measures
10. Schedule for submittal of monitoring reports
11. Response plan for instances where regulated species are encountered
12. Content and schedule for a Biological Resource Information Program
13. Location and schedule of fence installation and removal, with identification of species or habitats to be protected by each ESA and Species Protection Area (SPA)
14. Protection measures required within each SPA

14-6.07B Materials

Not Used

14-6.07C Construction

Not Used

14-6.07D Payment

Not Used

Add to section 19-7.02C:

The portion of imported borrow placed within 4 feet of the finished grade must have a resistance (R-Value) of at least 40.

Add to the RSS for section 20-4.01A:

This project has a Type 2 plant establishment period.

Replace "Reserved" in section 59-11 with:

59-11.01 GENERAL

59-11.01A Summary

Section 59-11 includes specifications for staining galvanized surfaces to achieve a rustic brown color with a matte finish.

Apply the stain to all visible galvanized surfaces of Midwest Guardrail System (including post, end terminals), visible Drainage Facilities, visible Corrugated Metal Pipe, Fences, and Gates.

59-11.01B Definitions

Not Used

59-11.01C Submittals

Submit the following:

1. Product data, including the manufacturer's product sheet, MSDS, and instructions for application of the stain
2. Certificate of compliance for the stain
3. Work plan showing methods to control overspray and spillage and protect adjacent surfaces during staining

59-11.01D Quality Control and Assurance

Apply the stain to a minimum 1-foot-long test section.

The test section may be a section of the surface to be stained if authorized.

The test section must be:

1. Prepared and stained using the same materials, equipment, and methods to be used in the staining work
2. Allowed to cure as specified in the manufacturer's instructions
3. Authorized before starting the staining work

Notify the Engineer at least 5 business days before staining the test section.

If ordered, prepare and stain additional test sections. If more than 1 additional test section is ordered, this is change order work.

The Engineer uses the authorized test section to determine the acceptability of the staining work.

59-11.02 MATERIALS

The stain must be Natina Steel from Natina Products, LLC.

The quoted price for materials and application for the stain with sales tax and delivery of the stained materials to the job site is:

Item	Quantity	Price/Unit
Midwest Guardrail System (Steel Posts)	2737.5	\$8.25/LF
Transition Rails (WB-31)	11	\$225.00/EA
End Anchor Assemblies	8	\$14.95/EA
Alt. Flared Terminals Systems	1	\$305.00/EA
Alt. In-Line Terminal Systems	10	\$425.00/EA
Estimated Shipping for the above listed items	LS	\$2,590.00

Additional product will be needed for Galvanized Surfaces not listed with prices.

You may obtain the stain from:

Natina Products, LLC
PO Box 4563
Palm Desert, CA 92261
(877) 762-8462

The quoted price is good until 9/10/2016.

59-11.03 CONSTRUCTION

59-11.03A General

Not Used

59-11.03B Preparation

Before applying the stain:

1. Identify and obtain authorization for the surfaces to be stained
2. Remove oils, dirt, and other contaminants from surfaces to be stained
3. Dry all surfaces to be stained

59-11.03C Application

Stain the galvanized surfaces under the manufacturer's instructions to achieve a color consistent with or as close as possible to the authorized test section color. Apply stain only to thoroughly dry surfaces during periods of favorable weather.

Protect adjacent surfaces during staining using an authorized method.

Keep stained galvanized surfaces dry following the application of the stain as specified in the manufacturer's instructions.

Repair stained surfaces damaged during work activities with materials equal to that of the specified stain.

59-11.04 PAYMENT

Not Used

BID ITEM LIST
08-0Q3004

Item No.	Item Code	Item Description	Unit of Measure	Estimated Quantity	Unit Price	Item Total
21	130610	TEMPORARY CHECK DAM	LF	3,200		
22	130620	TEMPORARY DRAINAGE INLET PROTECTION	EA	37		
23	130640	TEMPORARY FIBER ROLL	LF	66,000		
24	130650	TEMPORARY GRAVEL BAG BERM	LF	4,000		
25	130680	TEMPORARY SILT FENCE	LF	9,870		
26	130710	TEMPORARY CONSTRUCTION ENTRANCE	EA	6		
27	BLANK					
28	141000	TEMPORARY FENCE (TYPE ESA)	LF	9,870		
29	141103	REMOVE YELLOW THERMOPLASTIC TRAFFIC STRIPE (HAZARDOUS WASTE)	LF	1,200		
30	150605	REMOVE FENCE	LF	90		
31	150714	REMOVE THERMOPLASTIC TRAFFIC STRIPE	LF	1,200		
32	150722	REMOVE PAVEMENT MARKER	EA	60		
33	150744	REMOVE ROADSIDE SIGN (WOOD POST)	EA	18		
34	150801	REMOVE OVERSIDE DRAIN	EA	6		
35	150812	REMOVE PIPE (LF)	LF	900		
36	150860	REMOVE BASE AND SURFACING	CY	11,300		
37	153103	COLD PLANE ASPHALT CONCRETE PAVEMENT	SQYD	610		
38	153121	REMOVE CONCRETE (CY)	CY	20		
39	160102	CLEARING AND GRUBBING (LS)	LS	LUMP SUM	LUMP SUM	
40	170101	DEVELOP WATER SUPPLY	LS	LUMP SUM	LUMP SUM	

BID ITEM LIST
08-0Q3004

Item No.	Item Code	Item Description	Unit of Measure	Estimated Quantity	Unit Price	Item Total
61	390132	HOT MIX ASPHALT (TYPE A)	TON	17,000		
62	394053	SHOULDER RUMBLE STRIP (HMA, GROUND-IN INDENTATIONS)	STA	170		
63	030425	CENTERLINE RUMBLE STRIP (HMA, GROUND- IN-INDENTATIONS)	STA	93		
64	394074	PLACE HOT MIX ASPHALT DIKE (TYPE C)	LF	1,000		
65	394076	PLACE HOT MIX ASPHALT DIKE (TYPE E)	LF	1,660		
66	394077	PLACE HOT MIX ASPHALT DIKE (TYPE F)	LF	1,850		
67	394090	PLACE HOT MIX ASPHALT (MISCELLANEOUS AREA)	SQYD	3,890		
68	397005	TACK COAT	TON	5		
69	490606	42" CAST-IN-DRILLED-HOLE CONCRETE PILING	LF	416		
70	490616	84" CAST-IN-DRILLED-HOLE CONCRETE PILING	LF	605		
71	045181	FURNISH PILING (CLASS 140) (ALTERNATIVE W MODIFIED)	LF	1,817		
72	045182	DRIVE PILE (CLASS 140) (ALTERNATIVE W MODIFIED)	EA	72		
73	BLANK					
74	500001	PRESTRESSING CAST-IN-PLACE CONCRETE	LS	LUMP SUM	LUMP SUM	
75 (F)	510051	STRUCTURAL CONCRETE, BRIDGE FOOTING	CY	102		
76 (F)	510053	STRUCTURAL CONCRETE, BRIDGE	CY	4,202		
77 (F)	510060	STRUCTURAL CONCRETE, RETAINING WALL	CY	200		
78 (F)	510086	STRUCTURAL CONCRETE, APPROACH SLAB (TYPE N)	CY	300		
79 (F)	510502	MINOR CONCRETE (MINOR STRUCTURE)	CY	290		
80 (F)	045183	RANDOM BOULDER TEXTURE	SQFT	1,902		

BID ITEM LIST
08-0Q3004

Item No.	Item Code	Item Description	Unit of Measure	Estimated Quantity	Unit Price	Item Total
81	518051	PTFE SPHERICAL BEARING	EA	8		
82	519095	JOINT SEAL ASSEMBLY (MR 4")	LF	80		
83	519100	JOINT SEAL (MR 2")	LF	160		
84	520102	BAR REINFORCING STEEL (BRIDGE)	LB	937,155		
85	BLANK					
86	520110	BAR REINFORCING STEEL (EPOXY COATED) (BRIDGE)	LB	668,902		
87	560248	FURNISH SINGLE SHEET ALUMINUM SIGN (0.063"-UNFRAMED)	SQFT	84		
88	566011	ROADSIDE SIGN - ONE POST	EA	12		
89	597601	PREPARE AND STAIN CONCRETE	SQFT	80,612		
90	620100	18" ALTERNATIVE PIPE CULVERT	LF	130		
91	620140	24" ALTERNATIVE PIPE CULVERT	LF	880		
92	030426	32" TEMPORARY CULVERT	LF	36		
93	030427	12" CORRUGATED STEEL PIPE (.109" THICK)	LF	170		
94	665018	18" CORRUGATED STEEL PIPE (.109" THICK)	LF	490		
95	665024	24" CORRUGATED STEEL PIPE (.109" THICK)	LF	570		
96	665037	36" CORRUGATED STEEL PIPE (.109" THICK)	LF	610		
97	665042	42" CORRUGATED STEEL PIPE (.109" THICK)	LF	300		
98	665047	48" CORRUGATED STEEL PIPE (.109" THICK)	LF	210		
99	665051	54" CORRUGATED STEEL PIPE (.109" THICK)	LF	310		
100	665055	60" CORRUGATED STEEL PIPE (.109" THICK)	LF	450		

BID ITEM LIST
08-0Q3004

Item No.	Item Code	Item Description	Unit of Measure	Estimated Quantity	Unit Price	Item Total
101	665062	72" CORRUGATED STEEL PIPE (.138" THICK)	LF	150		
102	030428	84" CORRUGATED STEEL PIPE (.138" THICK)	LF	260		
103	665068	90" CORRUGATED STEEL PIPE (.138" THICK)	LF	310		
104	030429	13'-2" X 11'-9" STRUCTURAL STEEL PLATE PIPE ARCH (.138" THICK)	LF	230		
105	692007	18" ENTRANCE TAPER	EA	6		
106	703460	24" WELDED STEEL PIPE CASING (BRIDGE)	LF	236		
107	705011	18" STEEL FLARED END SECTION	EA	9		
108	705015	24" STEEL FLARED END SECTION	EA	5		
109	705023	36" STEEL FLARED END SECTION	EA	3		
110	705027	42" STEEL FLARED END SECTION	EA	2		
111	705031	48" STEEL FLARED END SECTION	EA	1		
112 (F)	721017	ROCK SLOPE PROTECTION (FACING, METHOD B) (CY)	CY	430		
113 (F)	721019	ROCK SLOPE PROTECTION (NO. 3, METHOD B) (CY)	CY	85		
114 (F)	721022	ROCK SLOPE PROTECTION (1T, METHOD B)	CY	1,350		
115 (F)	721026	ROCK SLOPE PROTECTION (NO. 1, METHOD B) (CY)	CY	430		
116 (F)	721030	ROCK SLOPE PROTECTION (1/2 T, METHOD B) (CY)	CY	900		
117 (F)	729012	ROCK SLOPE PROTECTION FABRIC (CLASS 10)	SQYD	2,950		
118 (F)	750001	MISCELLANEOUS IRON AND STEEL	LB	24,200		
119 (F)	750041	ISOLATION CASING	LB	53,600		
120	800007	FENCE (TYPE BW, 5-STRAND, METAL POST)	LF	20,800		

BID ITEM LIST
08-0Q3004

Item No.	Item Code	Item Description	Unit of Measure	Estimated Quantity	Unit Price	Item Total
121	801230	16' WIRE MESH GATE	EA	6		
122	030430	24' FOREST SERVICE GATE	EA	3		
123	820110	MILEPOST MARKER	EA	17		
124	820134	OBJECT MARKER (TYPE P)	EA	1		
125	832006	MIDWEST GUARDRAIL SYSTEM (STEEL POST)	LF	2,740		
126	832070	VEGETATION CONTROL (MINOR CONCRETE)	SQYD	2,650		
127 (F)	839521	CABLE RAILING	LF	300		
128	839543	TRANSITION RAILING (TYPE WB-31)	EA	11		
129	839584	ALTERNATIVE IN-LINE TERMINAL SYSTEM	EA	10		
130	839585	ALTERNATIVE FLARED TERMINAL SYSTEM	EA	1		
131 (F)	839727	CONCRETE BARRIER (TYPE 736 MODIFIED)	LF	1,431		
132	045184	CONCRETE BARRIER (TYPE 742 MODIFIED)	LF	986		
133 (F)	839737	CONCRETE BARRIER (TYPE 742B)	LF	230		
134	840560	THERMOPLASTIC TRAFFIC STRIPE (SPRAYABLE)	LF	33,300		
135	850111	PAVEMENT MARKER (RETROREFLECTIVE)	EA	180		
136	850122	PAVEMENT MARKER (RETROREFLECTIVE-RECESSED)	EA	930		
137	BLANK					
138	BLANK					
139	141120	TREATED WOOD WASTE	LB	250		
140	146001	CONTRACTOR-SUPPLIED BIOLOGIST (DAY)	DAY	300		

BID ITEM LIST
08-0Q3004

Item No.	Item Code	Item Description	Unit of Measure	Estimated Quantity	Unit Price	Item Total
141	146003	NATURAL RESOURCE PROTECTION PLAN	LS	LUMP SUM	LUMP SUM	
142 (F)	510092	STRUCTURAL CONCRETE, HEADWALL	CY	290		
143 (F)	511055	CONCRETE SURFACE TEXTURE	SQFT	1440		
144 (F)	520101	BAR REINFORCING STEEL	LB	29,900		
145	045216	STAIN GALVANIZED SURFACE	LS	LUMP SUM	LUMP SUM	
146	999990	MOBILIZATION	LS	LUMP SUM	LUMP SUM	

TOTAL BID:

\$
